

CLAIMS

We claim:

- 1 1. A tool for selectively tightening and loosening a light bulb comprising:
 - 2 a. means for claspings the light bulb, the claspings means configured to have an
 - 3 adjustable dimension for claspings a correspondingly sized light bulb; and
 - 4 b. means for activating the claspings means, the activating means is configured for
 - 5 remote communication with the claspings means, wherein the activating means
 - 6 sends control communications to move the claspings means in a first direction and
 - 7 a second direction.
- 1 2. The tool according to claim 1 further comprising means for setting the claspings means in
- 2 a desired configuration to engage the light bulb, wherein the setting means is coupled to
- 3 the claspings means.
- 1 3. The tool according to claim 2 wherein the means for setting further comprises a means for
- 2 varying the adjustable dimension, wherein the varying means is coupled to the activating
- 3 means.
- 1 4. The tool according to claim 1 wherein the control communications are sent wirelessly
- 2 from the activating means to the claspings means.
- 1 5. The tool according to claim 1 wherein the claspings means and the activating means are
- 2 coupled to one another by a cable.

1 6. The tool according to claim 5 wherein the claspings means and the activating means are
2 coupled to a tubular member.

1 7. The tool according to claim 6 further comprising means for securing the cable to the
2 tubular member.

1 8. The tool according to claim 6 further comprising means for selectively adjusting an
2 overall length of the tubular member.

1 9. The tool according to claim 1 wherein the means for activating is powered by a DC
2 voltage source.

1 10. The tool according to claim 1 wherein the means for activating is powered by an AC
2 voltage source.

1 11. A light bulb changing tool comprising:
2 a. a motorized claspings mechanism configured to engage a light bulb, the motorized
3 claspings mechanism configured along an axis and to actuate in a first direction
4 and a second direction; and
5 b. an electronic drive unit configured for remote communication with the motorized
6 claspings mechanism, wherein the electronic drive unit sends control
7 communications to drive the motorized claspings mechanism to selectively move
8 in the first direction and the second direction.

- 1 12. The tool according to claim 11 further comprising an arm member for positioning the
2 motorized clasping mechanism in a desired configuration to engage the light bulb,
3 wherein the arm member is coupled to the motorized clasping mechanism.
- 1 13. The tool according to claim 11 wherein the motorized clasping mechanism further
2 comprises a rotator mechanism configured to rotate the motorized clasping mechanism in
3 the first direction about the axis.
- 1 14. The tool according to claim 11 wherein the motorized clasping mechanism further
2 comprises a plurality of spring urged fingers.
- 1 15. The tool according to claim 14 further comprising an adjusting mechanism configured to
2 actuate the motorized clasping mechanism in the second direction, wherein the adjusting
3 mechanism causes at least two of the plurality of spring urged fingers to actuate towards
4 and away from the axis.
- 1 16. The tool according to claim 11 wherein the control communications are sent wirelessly
2 from the electronic drive unit to the motorized clasping mechanism.
- 1 17. The tool according to claim 11 wherein the motorized clasping mechanism and the
2 electronic drive unit are coupled to one another by a cable.
- 1 18. The tool according to claim 17 wherein the motorized clasping mechanism and the
2 electronic drive unit are coupled to a tubular member.

- 1 19. The tool according to claim 18 further comprising a clip for securing the wire to the
2 tubular member.
- 1 20. The tool according to claim 11 wherein the electronic drive unit is powered by a DC
2 voltage source.
- 1 21. The tool according to claim 11 wherein the electronic drive unit is powered by an AC
2 voltage source.
- 1 22. A method of assembling a light bulb changing tool, the method comprising the steps of:
2 a. providing a clasping mechanism configured to engage a light bulb, the clasping
3 mechanism having an adjustable dimension; and
4 b. providing a drive unit in remote communication with the clasping mechanism,
5 wherein the drive unit sends control communications to electrically activate the
6 clasping mechanism to actuate in a first direction and a second direction.
- 1 23. The method according to claim 22 further comprising the step of coupling an adjusting
2 arm to the clasping mechanism, the adjusting arm configured to adjust the clasping
3 mechanism to a desired position relative to the light bulb.
- 1 24. The method according to claim 22 further comprising the step of coupling the clasping
2 mechanism and the drive unit to a tubular member.
- 1 25. The method according to claim 22 wherein the control communications are sent
2 wirelessly from the drive unit to the clasping mechanism.

- 1 26. The method according to claim 24 further comprising the step of coupling the clasp
2 mechanism and the drive unit to one another by a cable.
- 1 27. The method according to claim 26 further comprising securing the cable to the tubular
2 member with a clip.